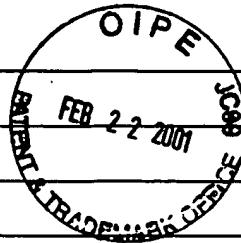


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**U.S. PATENT DOCUMENTS**

Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
de	5,496,720	03/05/96	Susko-Parrish et al.	/	/	
de	5,523,226	6/4/96	Wheeler	/	/	5/14/93
de	5,480,772	1/2/96	Wangh	/	/	2/3/93

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Sub Class	Translation Yes or No
de	2,059,199	07/11/93	Canada			
	2,092,258	03/23/93	Canada			
	GB 2,265,909	10/13/93	United Kingdom			
	WO A94/06422	3/31/94	PCT			
	WO 94/18344	08/18/94	PCT			
	WO A95/0375	2/9/95	PCT			
	WO A95/03795	2/9/95	PCT			
	WO 96/07732	9/5/95	PCT			
dc	WO 99/36510	7/22/99	PCT			

RECEIVED  
TECH CENTER 1400  
FEB 26 2001

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

de	Bradley, Biotechnology 10:534-539 (1992).
	Briggs & King, Proc. Natl. Acad. Sci USA 38 455-461 (1952).
	Bromhall, J.D., Nuclear transplantation in the rabbit egg, Nature, Vol. 258, No. 5537, pp. 719-722, 12/25/75.
	Campbell, Biol. Reprod. 50 1385-1393 (1994).
	Campbell, Therio. 43 181 (1995).
↓	Campbell, J. Reprod. Fertil. Abstract Series 5 31 (1995) Abstract No. 86.

<i>dc</i>	Campbell, K.H.S. et al., "Live Lambs by Nuclear Transfer Frm an Established Cell Line", <i>Theriogenology</i> 45(1) 1996, 287, ISSN: 0083-691X.
	Campbell, K.H.S. et al., "Nuclear-cytoplasmic interactions during the first cycle of nuclear transfer reconstructed bovine embryos: implications from desoxyribonucleic acid replication and development", <i>Biology of Reproduction</i> , vol. 49, no. 1, November 1993, pages 933-942.
OIPE FEB 22 2001 PATTERNS & TRADEMARKS DIRECTORATE [Circular stamp]	Campbell, K.H.S. et al., "Sheep Cloned by Nuclear Transfer From A Cultured Cell Line", <i>Nature</i> , Vol. 380, March 7, 1996, page 64.
	Campbell & Wilmut, <i>Vth World Congress on Genetics as Applied to Livestock</i> 20 180-187 (1994).
	Collas, P. et al., "Factors affecting the efficiency of nuclear transplantation in the rabbit embryo", <i>Biology of Reproduction</i> , vol. 43, no. 5, November 1990, pages 877-884.
	Collas et al., <i>Biol. Reprod.</i> , 46 501-511 (1992).
	Collas et al. <i>Mol. Reprod. &amp; Devel.</i> , 38 264-267 (1994).
	Collas & Robl, <i>Biol. Reprod.</i> , 45 455-465 (1991).
	Cutbertson & Cobbold, <i>Nature</i> 316 541-542 (1985).
	Czolowska, R. et al., "Behavior of thymocyte nuclei in non-activated and activated mouse oocytes", <i>Journal of Cell Science</i> , vol 69, 1984, see page 27, line 1-page 33, line 3; table 1.
	Delhaise et al., <i>Reprod. Fertility</i> , 7 1217-1219 (1995).
	Esikov, <i>Development</i> 109 322-328 (1990) [Copyright Protected - Not provided herein].
	Finch, <i>Biochem Soc. Trans.</i> 24 369S (1996).
	Freeman & Beitz, In <i>Symposium on Cloning Mammals by Nuclear Transplantation</i> (Seidel, GE Jr. ed.) 17-20 <i>Colorado State University, Colorado</i> (1992).
	Fulka et al. (1998) <i>BioEssays</i> 20, 847-851.
	Gardner, <i>Biology of Reproduction</i> 50 390-400 (1994).
	Graham, C.F., "The fusion of cells with one-and two-cell mouse embryo", <i>The Wistar Institute Symposium Monograph</i> , vol. 9, January 1, 1969.
	Gurdon, QJ <i>Microsc. Soc.</i> 101 299-311 (1960).
	Hope, P.C., & Illmensee, K., <i>Proc. Nat'l Acad. Sci. USA</i> 74 5657-5661 (1977).
	Hoppe, P.C., & Illmensee, K. <i>Proc. Nat'l Acad. Sci. USA</i> 79 1912-1916 (1982).
	Howlett & Bolton, <i>J. Embryol. Exp. Morpho.</i> 87 175-206 [Copyright Protected - Not provided herein].
	Illmensee, K., & Hoppe, P.C., <i>Cell</i> 23 9-18 (1981).
	Kanka, <i>Mol. Reprod. Dev.</i> 29 110-116 (1991).
	Keefer et al., <i>Biol. Reprod.</i> , 50 935-939 (1994).
	Kono et al., <i>Theriogenology</i> , 35 227 (1991).
▼	Lavoir et al., <i>Biol. Reprod.</i> , 56 194-199 (1997).

REC CENTER 16042001  
 FEB 26 2001  
**RECEIVED**

<i>de</i>	Leno & Munshi, <i>J. Cell Biol.</i> 127 (1) 5-14 (1994).
	Modlinski et al. <i>Development</i> 108 337-348 (1990).
	Otaegui, P.J. et al., "Transfer of nuclei from 8-cell stage mouse embryos following use of nocodazole to control the cell cycle" <i>Molecular Reproduction and Development</i> , vol. 39, no. 2, October 1, 1994, pages 147-152.
	Ozil, <i>Development</i> 109 117-127 (1990) [Copyright Protected-Not provided].
<i>OPEN FEB 22 2001 PATENT &amp; TRADEMARK OFFICE SEARCHED</i>	Prather & First, <i>J. Reprod. Fertil. Suppl.</i> 41 125 (1980).
	Prather, <i>Biol Reprod.</i> 37 859-866 (1987).
	Prather et al. <i>Biology of Reproduction</i> 41 414-418 (1989).
	Prather, <i>J. Exp. Zool.</i> 225 355-358 (1990).
	Richie & Campbell, <i>J. Reprod. Fertil. Abstract Series</i> 15 60 (1995) Abstract No. 175.
	Robertson, E.J., <i>Teratocarcinomas &amp; embryonic stem cells: a practical approach</i> , 71-112, IRL Press Oxford (1987).
	Robl, Symposium on Cloning Mammals by Nuclear Transplantation (Seidel ed.) <i>Colorado State University</i> 24-27 (1992).
	Saito et al., <i>Develop. Biol.</i> 201 134-141 (1992).
	Seamark, <i>Reprod. Fertil. &amp; Devel.</i> 6 (5) 653 (1994) Abstract No. 95:4100.
	Sims et al. (1993) <i>Proced. Natl. Acad. Sci.</i> 90, 6143-6147.
	Smith & Wilmut, <i>Biol. Reprod.</i> 40 1027-1035 (1989).
	Solter, <i>Nature</i> , 380 24-25 (1996).
	Spemann, <i>Embryonic Development &amp; Induction</i> , 210-211 Hofner Publishing Co., New York (1938).
	Stanton, <i>Brain Physiology</i> 2 71-83 (1992).
	Stice et al., <i>Biol. Reprod.</i> , 54 100-110 (1996)
	Szollosi et al., <i>J. Cell Science</i> , 91 (Pt. 4) 603-613 (1988).
	Thompson, <i>Biology of Reproduction</i> 53 1385-1391 (1995).
	Tsunoda, <i>J. Reprod. Fertil.</i> 82 173 (1988).
	Tsunoda, <i>J. Reprod. &amp; Fertil.</i> 98 537-540 (1993).
	Westhusin, <i>Biol. Reprod. (Suppl.)</i> 42 176 (1990) Abstract No. 407.
	Wheeler, <i>Reprod. Fertil. Dev.</i> 6 563-568 (1994).
	Whitfield, <i>Control of Animal Cell Proliferation</i> 1 331-365 (1985).
	Whittingham & Wales, <i>Aust. J. Biol. Sci.</i> 22 1065-1068 (1969).
<i>de</i>	Willadesen, <i>In Mammalian Egg Transfer</i> (Adams, E.E., ed.) 185 CRC Press, Boca Raton, Florida (1982).

*TECH CENTER 160/2900**FEB 26 2001**RECEIVED*

Ref ID: 01PE JRC	Willadsen, S.M. "Nuclear transplantation in sheep embryos", <i>Nature</i> , vol. 320, no. 6, March 1986, London, GB.
	Wilmut et al. (1997) <i>Nature</i> 385, 810-813.
FEB 22 2001	
Examiner	Date Considered
*Examiner Initials: <i>Deborah Corder</i>	
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